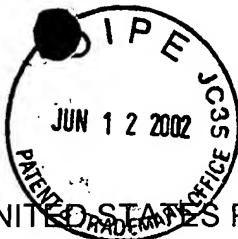


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WSHU 2044.1
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Douglas F. Covey
Serial No. 10/008,567
Filed November 5, 2001
Confirmation No. 6682
For CYTOPROTECTIVE POLYCYCLIC COMPOUNDS

Art Unit 1614

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June 12, 2002

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS,
SIR:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, Applicant submits copies of the references listed on the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein. I certify that each item contained in this statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

In addition, attached hereto as Exhibit A are copies of an Information Disclosure Statement, as well as a Supplement thereto, that were previously submitted to the Patent and Trademark Office on February 20, 2002 and March 26, 2002, respectively. These are being submitted herewith because, according to PAIR, they do not appear to have been entered at this time. If necessary, Applicant will again submit copies of the references cited therein.

Respectfully submitted,

Derick E. Allen, Reg. No. 43,468
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Douglas F. Covey
Serial No. 10/008,567
Filed November 5, 2001
Confirmation No. 6682
For CYTOPROTECTIVE POLYCYCLIC COMPOUNDS

February 20, 2002

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS,
SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicant submits copies of references 1-25, 27-30, 32, 33, 35-38, 40-42 and 44-51 of the references listed on the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein. Copies of references 26, 31, 34, 39, 43, 52 and 53 have been ordered but have not yet been received. We will supplement this Information Disclosure Statement with copies of these references as soon as they have been received.

Respectfully submitted,



Derick E. Allen, Reg. No. 43,468
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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<i>Complete if Known</i>	
Application Number	10/008,567
Filing Date	November 5, 2001
Confirmation Number	6682
First Named Inventor	Douglas F. Covey
Group Art Unit	1614
Examiner Name	
Attorney Docket No.	WSHU 2044.1

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner
Signature

Date
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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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Sheet 1 of 5 Attorney Docket No. WSHU 2044.1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	3,472,885		Bucourt et al.	10-14-1969
	2	4,330,540		Zeelen	05-18-1982
	3	4,617,298		Bodor et al.	10-14-1986
	4	4,786,647		Simpkins et al.	11-22-1988
	5	5,554,601		Simpkins et al.	09-10-1996
	6	5,554,604		Bonfils et al.	10-10-1996
	7	5,679,668		Bonfils et al.	10-21-1997
	8	5,824,672		Simpkins et al.	10-20-1998
	9	5,843,934		Simpkins	12-01-1998
	10	5,859,001		Simpkins et al.	01-12-1999
	11	5,877,169		Simpkins	03-02-1999
	12	5,914,325		Droescher et al.	06-22-1999
	13	5,939,407		Landfield	08-17-1999
	14	5,972,923		Simpkins et al.	10-26-1999

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Sheet 2 of 5 Attorney Docket No. WSHU 2044.1

	15	6,197,833	B1	Simpkins et al.	03-06-2001
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	17	6,265,147	B1	Mobley et al.	07-24-2001

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		Office	Number ⁴	Kind Code ² (if known)			
18	CA	1 167 837			Akzo N.V.	05-22-1984	
19	EP	0 069 424	B1		Akzo N.V.	01-12-1983	
20	GB	1 298 587			American Home Products Corporation	12-06-1972	
21	WO	95/13076	A1		JENAPHARM GMBH	05-18-1995	
22	WO	97/03661	A1		University of Florida Research Foundation, Incorporated	02-06-1997	
23	WO	99/26630	A1		University of Florida Research Foundation, Incorporated	06-03-1999	
24	WO	00/63228	A1		Schering Aktiengesellschaft	10-26-2000	
25	WO	01/10430	A2		University of Florida Research Foundation, Inc.	02-15-2001	

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Sheet 3 of 5 Attorney Docket No. WSHU 2044.1

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
	26	Akhter et al., Safety Study of Tirlazad Mesylate in Patients With Acute Ischemic Stroke (STIPAS) Stroke, Vol. 25, No. 2 (1994) p. 418-423.	
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	30	G.C. BUZBY et al. "Totally Synthetic Steroid Hormones. XIII. The Chemical Resolution of Some Racemic Estrane, 13 β -Ethylgonane, and 13 β -n-Propylgonane Derivatives and the Preparation of Some Estrane and 13 β -Ethylgonane Derivatives of Unnatural Configuration" Journal of Medicinal Chemistry, Vol. 10 (1967) pp. 199-204.	
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Examiner Signature		Date Considered	
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Sheet 4 of 5 Attorney Docket No. WSHU 2044.1

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40	M. NAKANO et al. "Novel and Potent Biological Antioxidants on Membrane Phospholipid Peroxidation: 2-Hydroxy Estrone and 2-Hydroxy Estradiol" Biochemical and Biophysical Research Communications, Vol. 142, No. 3 (1987) pp. 919-924.
41	E. NIKI et al. "Antioxidants in Relation to Lipid Peroxidation" Chemistry and Physics of Lipids, Vol. 44, Nos. 2-4 (1987) pp. 227-253.
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45	W. ROMER et al. "Novel estrogens and their radical scavenging effects, iron-chelating, and total antioxidative actives: 17 α -substituted analogs of $\Delta^{9(11)}$ -dehydro-17 β -estradiol" Steroids, Vol. 62 (1997) pp. 688-694.

Examiner Signature	Date Considered
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Sheet 5 of 5 Attorney Docket No. WSHU 2044.1

46	W. ROMER et al. "Novel "scavestrogens" and their radical scavenging effects, iron-chelating, and total antioxidative actives: $\Delta^{8,9}$ -dehydro derivatives of 17 α -estradiol and 17 β -estradiol" Steroids, Vol. 62 (1997) pp. 304-310.
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50	J. WILSON et al. "U83836E Reduces Secondary Brain Injury in a Rabbit Model of Cryogenic Trauma" Journal of Trauma, Vol. 39, No. 3 (1995) pp. 473-479.
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52	S. XIA et al. "A Novel Estrogen Analog, Inactive at the Estrogen Receptor, is Neuroprotective" Presented at the 26th Soc. for Neuroscience Meeting, 11/4/00 to 11/9/00.
53	S-H. YANG et al. "Neuroprotective Effects of a Novel Non-Receptor Binding Estrogen Analogue During Stroke" Presented at the 26th Soc. for Neuroscience Meeting, 11/4/00 to 11/9/00.

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Application Number	10/008,567				
Filing Date	November 5, 2001				
Confirmation Number	6682				
First Named Inventor	Douglas F. Govey				
Group Art Unit	1614				
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Sheet	1	of	5	Attorney Docket No.	WSHU 2044.1

U.S. PATENT DOCUMENTS

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	3	4,617,298		Bodor et al.	10-14-1986
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	9	5,843,934		Simpkins	12-01-1998
	10	5,859,001		Simpkins et al.	01-12-1999
	11	5,877,169		Simpkins	03-02-1999
	12	5,914,325		Droescher et al.	06-22-1999
	13	5,939,407		Landfield	08-17-1999
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Sheet 2 of 5 Attorney Docket No. WSHU 2044.1

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21	WO	95/13076	A1		JENAPHARM GMBH	05-18-1995	
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OTHER ART - NON PATENT LITERATURE DOCUMENTS

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	26	Akhter et al., Stroke, Vol. 25 (1994) p. 418.	
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Examiner Signature	Date Considered
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INFORMATION DISCLOSURE
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Application Number	10/008,567	10/008,567
Filing Date	November 5, 2001	5/12/2001
Confirmation Number	6682	6682
First Named Inventor	Douglas F. Govey	Douglas F. Govey
Group Art Unit	1614	1614
Examiner Name		
Sheet	4	of 5
Attorney Docket No.		WSHU 2044.1

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